BUNNETT AND CO. ENGINEERS AND FOUNDERS,

26, LOMBARD-STREET, LONDON, AND DEPTFORD, KENT,

ORIGINAL PATENTEES OF REVOLVING IRON AND WOOD SHUTTERS

AND OF THE

NEW PATENT CURVILINEAR REVOLVING IRON SHUTTER,

For which the PRIZE MEDAL of the GREAT EXHIBITION of 1851 was awarded.

BUNNETT and CO. are also the ORIGINAL PATENTEES and MANUFACTURERS of

DRAWN METAL SASH-BARS, FOR SHOP FRONTS, SKYLIGHTS, &c.

MOULDED BRASS STALL PLATES, INTERNAL AND EXTERNAL BRASS FITTINGS,
And Cast, Drawn, or Stamped Metal Work of every description.

BUNNETT and Co. invite comparison, and challenge competition, either in Style, Quality, or Price.

IRON ROOF **WORKS,**

By Royal Letters Patent.

JOHN WALKER, Son of the Patentee, GENERAL CONTRACTOR,

Having extended his means for executing Orders, and Contracts for

CORRUGATED IRON BUILDINGS AND ROOFS,

Galvanized or otherwise, will be happy to wait, by appointment, on ARCHITECTS, ENGINEERS, &c. Merchants are invited to ascertain his Prices for Shipping Orders. The Trade supplied with Corrugated Iron, Plain or Galvanized, or Iron Corrugated. References to Firms of the first class.

FIRE-PROOF FLOORING.

The earnest attention of ARCHITECTS, ENGINEERS, &c. &c. is called to a particularly economical mode of erecting Fireproof Floors capable of sustaining great weight, without any thrust against the walls. Any information, with Estimates, Drawings, &c. may be obtained of the Others.

63, GRACECHURCH-STREET, LONDON.

IRON BUILDING and ROOFING WORKS, BIRMINGHAM, late of Southwark.

JOHN H. PORTER,

Manufacturer of the Corrugated and other kinds of Iron Roofing for railway stations, carriage sheds, farm buildings, gas-works, warehouses, factories, &c. &c.

PATENTEE

Of the Corrugated Iron Beams, Girders, and Fire-proof Floors.

LONDON—Office, 94, Cornhill

THE PATENT GALVANIZED IRON.

TUPPER and CARR,

Owners of Crawford's Patents, and Successors to

THE GALVANIZED IRON COMPANY,

Newly patent Galvanized Sheets, plain or corrugated, for roofing, &c. Water or Gas Pipes, Castings, Wire of all gauges, Guttering, Hoeing, &c. Wholesale, retail, and for export.

An allowance to the trade.

WORKS—REGENT'S CANAL WHARF, LIMEHOUSE, and BIRMINGHAM.

LONDON OFFICE, 3, MANSION-HOUSE PLACE.

PATENT GALVANIZED IRON.

(IMPROVED PROCESS.)

JOHN SYMONDS and CO.

WORKS—GLARE-HOUSE YARD, opposite the principal Entrance to the London Docks.

GALVANIZED SHEET-IRON and WIRE of every description, superior in all respects to that produced by any other process. THE TOUGHNESS AND MALLEABILITY of the Iron being preserved.

Estimates given for IRON ROOFS, Corrugated Sheds, Houses, Vegetable Wire, Subterrine Cables, WIRE-ROPE, Fencing, &c.

THE PATENT GALVANIZED IRON GOLD-WASHING MACHINES.

ROOFS fixed complete.

FOUNDRY AND IRON WORKS,

69, DRURY-LANE, and CHARLES-STREET, DRURY-LANE.

GLOVER, BROS.,

Solicit the attention of the Trade to their extensive Stock of PATTERNS for CASTINGS of EVERY DESCRIPTION that are required for Ornamental or General Use.

Patterns of Girders, Columns, Balconies, Railing, Ornaments for Carriage and Park Gates, Lamp and Street Posts, Tanks, Pipes, Wheels, Pinions, Lathes, and Steam-engines; Hangrond Hot plate Metal. An improved Soot Door adapted for internal work.

A large stock of Rain-water Pipes, Plain and G.G Gutters, Air Bricks, Sash Weights, Air-tight Sewer Grates, Stable Fittings, Hardles, &c.

Plain and Ornamental Vases 20 per cent. cheaper than Terra cotta.

Estimates given for Iron Buildings, Wrought-iron Roofing, Greenhouses, Staircases, Wrought-iron Girders, Fireproof Doors, Book-safes and Strong Rooms, Tanks and Boilers, and every description of Ironwork to specification, and the work executed with every attention to quality and despatch.

GLOVERS' IRONWORKS,

169, DRURY-LANE, and CHARLES-STREET.

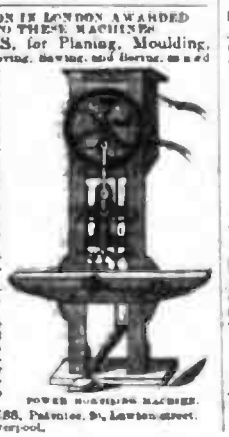
IRON FOUNDRY, 80, Goswell-street (late of Brick-lane, St. Luke's).—J. JONES, having made great additions to his STOCK of PATTERNS, begs to inform the Trade that he can now supply them with Plain and Ornamental Iron Columns, Girders, Railings, Gates, Iron Coping, Balconies, Window Guards, Verandahs, Ornamental Staircase Panels, Iron Staircases, Tomb Enclosures, Trellis Paneling, Lamp and other Brackets, Chandeliers, Newel Bars, Water Closet Work, Area Gratings, Fly and other Wheels, Wheel Plates, &c.

BAKERS' OVEN WORK, Fenge Backs and Troughs, Main Water Pipes and Gutters, Sash Weights, Furnace Bars, Stoves, Rangers, &c. always in stock.

MACHINERY for SAWING, PLANING, and MOULDING WOOD.—WORSHAM, and Co. of Hertulan Works, Kingsland, Chelsea, direct attention to the simplicity and economy of their inventions and improvements in the manufacture of the above. An inspection of their stock on hand is requested.

THE GREAT EXHIBITION IN LONDON AWARDED A PRIZE MEDAL TO THESE MACHINES.

PATENT MACHINES, for Planing, Moulding, Mortising, Tenoning, Grooving, Sawing, and Boring, as used by joiners, builders, box makers, railway carriage and wagon builders, cabinet manufacturers, piano-forte makers, &c.—The principal Institutions for the Encouragement of Arts have awarded seventeen premiums to these machines; they have been found in every respect perfect in their operations on either hard or soft wood, and will perform all the ordinary descriptions of work required in the above trades in a superior manner, at a greatly reduced cost. These machines are now used by the British, French, and American Governments, and by all the principal contractors, builders, and machinists in the United Kingdom.



POWER MORTISING MACHINE.

They are also well worth the attention of all merchants and artisans who are trading with or emigrating either to Australia or any of the colonies or other countries where the price of labour is high and difficult to obtain.

Sold by WILLIAM PURVESS, Patentee, 9a, Lawton-street, Liverpool.

CHUBBS' LOCKS, FIRE-PROOF SAFES, AND CASH BOXES.

CHUBBS' PATENT DETECTOR LOCKS give perfect security from false keys and picklocks and also detect any attempt to open them. They are made of all sizes and for every purpose to which locks are applied, and are strong, secure, simple, and durable.

CHUBBS' PATENT LATCH, for front doors, counting-house doors, &c is simple in construction, low in price, and quite secure. The keys are particularly neat and portable.

CHUBBS' PATENT FIRE PROOF SAFES, BOOKCASES, CHESTS, &c. made entirely of strong wrought-iron, so as effectually to resist the falling of brickwork, timber, &c. in case of fire, and are also perfectly secure from the attacks of the most skilful burglars.

CHUBBS' CASH and DEED BOXES, fitted with the Detector Locks.

CHUBB and SON, 57, St. Paul's Churchyard, London.

GREAT FIRES in MARK-LANE and SOUTHAMPTON-STREET, STRAND.—In these destructive Fires Deeds and Documents of immense value were here preserved uninjured by "LEADBEATER'S PATENT FIRE-PROOF SAFES." LEADBEATER'S STRONG WROUGHT-IRON FIRE PROOF BOOK SAFES, CHESTS, and BOOKS, for Strong Rooms, Plate Closets, and Party-walls, &c. of best make, and possessing all the most recent improvements, are the best depositories for property of every description in the world; extra-strong Cash and Deed Boxes, with Detector Locks; Patent Detector Locks and Latches for all purposes.

A large assortment on hand at LEADBEATER'S MANUFACTORY, 125, ALDERSGATE-STREET, CITY of LONDON, where Prospectuses may be had.

LEADBEATER, many years Manufacturer for Chubb.

TO BUILDERS AND PLUMBERS.

The attention of the Trade is called to

JOHN WARNER & SONS' PATENT VIBRATING STANDARD PUMP,

which is recommended for the simplicity of its construction, and the ease with which it works.

By the introduction of the vibrating standard, the cumbersome castings and expensive stuffing-box and guide-screw are unnecessary, rendering the price considerably less than pumps made on the old plan.

Deep and Water Engines for raising fluids from a depth not exceeding 28 feet; also, Garden Engines constructed on the same principle.

JOHN WARNER & SONS,

3, Cresent, Jewin-street, London.

Manufacturers and Patentees.

FOWLER'S IMPROVED FARM and COTTAGE PUMPS.

To be had of any Ironmonger or Plumber, 12 10s.

The usual allowance to the trade.

PUMPS of SUPERIOR CONSTRUCTION bored perfectly true by improved machinery, in various plain and ornamental patterns, for squares and market places, roads, conservatories, liquid manure, ship, large, brickmakers, contractors, gold diggers, brewers, chemical works, and in wrought and cast-iron, copper and brass, for hot or cold liquors, &c. &c. Long barrel and hydraulic lift-pumps, with handles on planks; and engines of various powers, for wells of any depth.

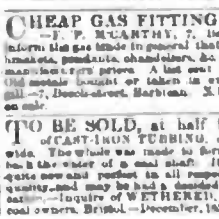
PUMPS on HIRE.—The largest stock in England of single and double pumps, from 4 in. to double 18 in. barrels, prepared for hand or steam power, ready for use on reasonable terms.

BENJ. FOWLERS, Hydraulic Engineer,

Hot-water, Steam and Gas Apparatus Manufacturer, Pump Factory, Whitechapel-road, Piccadilly.

STEAM PUMPING ENGINES.

PATENT PORTABLE STEAM ENGINES, from four to ten horse power, always ready, to let on hire, by the week or month, for pumping, sawing, pile-driving, raising materials, &c. &c.



Contracts taken for pumping any quantity of water.

JAMES BURTON & SONS,

Engineers and Contractors,

John-street, Holland-street, Bow Bridge, London.

CHEAP GAS FITTING ESTABLISHMENT.—J. P. M'CARTHY, 7, Beech-street, Barbican, begs to inform his gas trade in general that he is now filling gas tubes, brackets, pendants, chandeliers, &c. at the wholesale Birmingham manufacturers prices. A list sent on receipt of postage stamps or cash. Country orders taken in exchange. Best lacquer, 1s per gill.—7, Beech-street, Barbican. N.B. Goddard's patent Gas Stove on sale.

TO BE SOLD, at half its value, 300 PIECES of CAST-IRON TUBBING, each piece 4 ft. 6 in. long, 2 ft. wide. The whole was made to form a circle of 13 ft. for walling in the outer of a coal shaft. It has never been used, and is quite new and perfect in all respects. The metal is of the best description, and may be had a decided bargain, by immediate application.—Inquire of WETHERELL, GORHAM, and RENDALL, coal owners, Bristol.—December, 1852.

CLARK and CO. beg to refer Architects and Builders to "The Builder" of Oct. 16th, 1852, page 631, for a detailed description of the improvements in, and of their IMPROVED PATENT REVOLVING SHUTTER, in IRON and WOOD; and to "The Builder" of Feb 26th, 1853, page 101, for full-sized sections of their IMPROVED DRAWN METAL SASH BARS and MOULDINGS, feeling assured that the superiority and economy of their work will be appreciated by all, it being entirely performed by expensive machinery. Architects are invited to inspect the works, where samples and every information may be had; or will be sent by post, on application to CLARK and CO Engineers, Patent Shutter Works, Gateshead, Lincoln's-inn fields.

Iron Shutters, under Lewis's Patent, at 2s 10d per foot.

Architects, to secure their work being done by CLARK and CO. are requested to insert their names in the specifications.

REVOLVING SAFETY WOOD and IRON SHUTTERS.—SNOWELL, Patentee, 98, Regent-street, and at his Steam-works, 128, Old-street. These shutters have fully borne out their superiority over other revolving shutters for security, durability, and simplicity, and reference can be given to tradesmen whose premises are fitted therewith, and numerous large establishments where some are fixed measuring upwards of 400 square feet in one shutter, and which are opened and closed in a few moments with the greatest possible ease, without the use of machinery. The Patentee manufactures Iron Sash Bars, Shall Board Plates, &c.

FIRE-PROOF CONSTRUCTION.—FOX and BARRETT'S PATENT.—The great importance of fire-proof construction is shown by the recently published returns of fires in London during the past year, by which it appears that there is a considerable increase as contrasted with former years, the numbers actually exceeding 1,000, or an average of three per day.

This result all-the strong contemplation of a fact almost too high as to be credible, THAT SO BUILDINGS, and PROPERTY THEREIN, JOISTS ARE USED IN PRACTICALLY SECURE FROM THE DANGER OF FIRE; and to them to this fact it is added that timber is also liable to dry-rot and the ravages of insects and vermin, for which it affords a ready harbour, the attendant arising from its extensive use will be sufficient appearance.

It becomes, then, worth the attention of those who are interested in building, to inquire whether materials of an imperishable nature cannot be substituted for timber in the construction of floors, &c., without involving additional cost; and attention is invited to a number of buildings of all classes, either finished or in course of erection, upon the above improved system. In which joists, either of rolled or cast-iron are substituted for timber, together with a solid superstructure of concrete, adapted to receive a finished surface of floor or roof of any kind.

Among the buildings at present in progress in London on this system is the new QUEEN'S HOSPITAL, an extensive range providing accommodation for 200 additional beds; and for buildings of this description and magnitude, as well as for PRIVATE DWELLING-HOUSES, OFFICES, WAREHOUSES, &c. it possesses very great advantages.

A detailed description of the system, estimates, and all further information, may be obtained on application to the Proprietor of the patent.

MR. BARRETT, late Fox and Barrett, 18, York buildings, Adelphi.

whose offices form part of a building erected on this principle, and where specimens of the rolled iron joists may be seen.

REDUCED PRICES.—EDWARD SIMMS (late William Clowes), of William-road, Pimlico Basin, begs to acquaint Builders and the Trade that he has now on hand, at his Manufactory (the first of the kind ever established), a very large Assortment of Dry and Well-seasoned OAK and DEAL PREPARED FLOORING BOARDS and MATCH BOARDING of all sorts, from 4 inch to 10 inch thick, planed to a parallel width and thickness, and at greatly Reduced Prices. Also, Timber, Deals, Oak Planks, Scantlings, Sash Rills, Mouldings prepared by Machinery, &c.—Apply at EDWARD SIMMS' late W. Clowes's Flooring Manufactory, William-road, Pimlico Basin.

PREPARED FLOORING.—ALFRED ROSLING begs to call the attention of Builders and Consumers generally to his STOCK of BOARDS, prepared in the best possible manner, and fit for present use; their superiority to the floor boards generally sold being sufficiently evinced by the greatly increased demand. A. ROSLING is in a position to offer every description of Planks and other deals unprecedented into this country at the lowest possible price consistent with fair trading; and begs to solicit the orders of those who have not as yet favoured him, feeling assured he can offer them advantages which they will appreciate.—Southwark-bridge Wharf, Bankside.

TO BUILDERS AND OTHERS.

SEASONED WOODS by the Patent Desiccating Process for SALE, at E. I. FULLER'S Depôt, 27, Wharf-road, City-road. Spanish and Honduras Mahogany, Wainscot, Horse-chin, Lime-tree, Birch, Beech, and Veneers. Flooring and Match Boards, &c.

ENGLISH and FOREIGN TIMBER and DEALS, of any length and scantling.

Oak and Ash, from 3s. 6d. to 5s. per foot cube; Deals 9 2s. 6d.

1 inch Yellow or White Eastern Floor boards prepared, 10s. 6d to 12s. 6d. per square. 1 inch ditto, 14s. to 17s. 6d. per square.

Yellow Deals, from 2s. 6d. to 4s. each. Planks, from 8l. per hundred.

Dantzic Timber, from 6m. per load, and all other descriptions at equally low prices for cash.

Apply to Mr. MAY, 20, Londenhall-street.

MOULDINGS BY MACHINERY.—ARCHBUTT and ATKINSON have just published a new and enlarged list, containing nearly 200 diagrams of Mouldings, with prices attached, lower than any ever yet offered. A copy will be forwarded on receipt of four penny postage stamps. Also, SEASONED FLOORING.

Timber, Planks, Deals, Battens, Scantling, Sash-sills, &c. at equally low prices.

TERMS CASH. Saint Panceras Sawing, Planing, and Moulding Mills, Cumberland-street, Old Saint Pancras-road, close to the Goods Terminus of the Great Northern Railway.

DURRAND'S "BONDED and SUFFERANCE WHARF," TIMBER-PRESERVING WORKS, ROTHERHITHE.—BETHELL'S process consists in preparing timber with creosote, or oil of tar, and is particularly applicable for Railway Sleepers, Bridge Timber, Telegraph Posts, Piers, Docks, Harbours, &c. and the outside Planking of Vessels and Barges. And the use for one in the colonies, is being carefully experienced to the attacks of all land or marine insects. PAYNE, sir W. BURNETT'S, and MACGARVEY'S processes, in addition to their preservative properties, are like the same combustible and are, consequently, adapted to her Majesty's Dock Yards, as a preventive of fire. In the Dwelling-houses they are also extensively used in Hops, Farm, and general Buildings.

Extensive and most complete Machinery for the application of the above processes has been erected on those premises, which, being close to the great Timber Docks of the London, are admirably adapted for land conveyance, or coastwise; and from possessing Sufferance Privileges, are, consequently, equally applicable for Colonial and Foreign Trade.

Scale of charges and every particulars of P. ST. QUINTIN, Superintendent, on the Wharf, or at Mr. BUNT'S Office, 3, Charlotte-row, Mansion-house, City.

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